

QMP Project Statement  
Upper Animas Mining District Site  
EPA Region 8 Superfund  
Draft Final 05-07-15

1. The U.S. Environmental Protection Agency (EPA) Region 8 Superfund Program has initiated a new Generic Interagency Agreement (IA) with the US Army Corps of Engineers (USACE) Environmental Munitions Center of Expertise (EMCX) to provide technical and contracting support to EPA for the Upper Animas Mining District Site site in SW Colorado. The USACE Omaha District has agreed to work with the USACE Sacramento District as a team under the Omaha Quality Management Plan (QMP) that was approved by the EPA Region 8 Quality Assurance (QA) Section in January 2015. The "QMP Project Statement" defines roles, responsibilities and process for the two districts working together."

2. The generic IA Scope of Services defines the USACE Omaha district as having the primary responsibility for ensuring the data quality of the project as defined in the Region 8 QMP. The language from the IA Statement of Work reads as follows:

"Omaha District will retain the primary responsibility for ensuring that the environmental data quality meets the QA requirements as defined in the Region 8 QMP. All environmental data generation work in this IA will be performed in accordance with the Quality Management Plan (QMP) for the EPA Region 8 Superfund Program and Omaha District (and its updates) approved by the Region 8 Quality Assurance Officer. The project period for the current R8 approved QMP is October 2014 to October 2019. A Quality Assurance Project Plan (QAPP) for each phase of work will be developed pursuant to EPA's Region 8 quality assurance requirements and approved by an EPA Delegated Approving Official (DAO). Since the Omaha District/EPA 8 QMP paragraph 8.3.2 allows teaming between two USACE districts, a "QMP Project Statement" will be signed by both the USACE Omaha and Sacramento districts committing to the terms of the QMP. The "QMP Project Statement" will define the roles, responsibilities and process for the two districts working together." This statement will be added to USACE's Project Management Plan (PMP) (to be developed) that will incorporate the QMP as part of the PMP."

3. The generic IA (for Upper Animas Mining District Site technical and contracting support) will be added to the QMP in accordance with paragraph 1.0 of the QMP, which allows future IAs to follow the quality management system requirements.

4. The review and approval process of environmental data is explained described in paragraph 2.1.4 of the QMP. Disputes will follow the QMP Project Statement dispute resolution process below.

5. Upper Animas Roles and Responsibilities:

Sacramento District will follow approvals and role and responsibilities in the EPA Region 8 QMP with Omaha District. An organization chart is attached for Omaha District and an EPA Organization chart for Sacramento District, Division, HQ.

5.1 EPA Customer Representative: Paula Schmittiel with USEPA Region 8 is the overall project manager and site representative, other EPA PMs and technical staff may assist Paula Schmittiel. Many tasks are anticipated to occur on this project and only some of them are assigned to the Corps of Engineers.

5.2 Sacramento District, SPK, Project Manager (PM): Gary Krongard, SPK will be Lead Project Manager on the Upper Animas Mining District Site IA with EPA Region 8. CEFMS and P2 will be set up in Sacramento and managed by Gary Krongard. The Lead SPK PM and NWO PM Technical Manager (identified below) will split the PM duties defined on page 8 of the QMP. The SPK Lead Project Manager will work with SPK District Contracting to obtain a contractor to provide support under the EPA 8 Umbrella IA for Upper Animas Mining District Site for fund-lead Remedial Investigation Feasibility Study (RI/FS) activities and for Potentially Responsible Party oversight, and technical other support.

5.2.1 Program Analysts. SPK Program Analysts will support the project delivery team, setting up the project in P2 for scheduling and milestones using the EPA Superfund Project Initiation Form PIF, and will use Corps of Engineers Financial Management System CEFMS for project financial management.

5.3 Omaha District, NWO, Project Manager/Technical Manager is Christopher Fassero NWO Special Projects. The Omaha District EPA 8 QMP does not mention Technical Manager in the QMP therefore this is considered another Project Manager. The NWO PM will sign the QAPPs/SAPs and work plans for environmental data. The Lead PM and NWO PM divide the PM duties defined on page 8 of the QMP. The Technical Manager, NWO District has experience with mining in the Western USA, EPA Superfund Projects and EPA's Monthly Reporting requirements.

5.4 Engineering Team Lead: Marc Anderson NWO, Chief Environmental Sciences Section or designee TBD. The Engineering Team Lead will ensure compliance with the EPA 8 USACE QMP and will ensure all environmental data is reviewed to his satisfaction before forwarding to the NWO Quality Assurance Manager for signature. The Omaha District Environmental Engineering Section has experience with mining in the Western USA. The Engineering Team Lead is an alternate signatory on QAPPs/SAPs for the NWO Quality Assurance Manager. The Upper Animas Mining District Site has Mine Influenced Water (MIW) and Acid Rock Drainage (ARD) from mine adits. Significant discharge still occurs from mining adits within the Site.

5.5 Geologist/Hydrogeologist: \_\_\_\_TBD\_\_\_\_. Experience with these MIW and ARD geologic materials is necessary to understand and document impact to the environment.

5.6 Chemist. \_\_\_\_TBD\_\_\_\_. Experience with these MIW and ARD chemical aspects is necessary to understand and document impact to the environment.

5.7 Contracting Team Lead: The USACE Sacramento District is the lead for contract acquisition under this IA. The USACE Omaha District contracted some initial Upper Animas Mining District Site work under a WAF in an existing IA with EPA Region 8. The Task Order is a data search to obtain environmental data and determine the usability of the data. (SOW has been provided to SPK). The USACE Omaha District contracting section can be requested to provide support to SPK as appropriate and as resources allow to execute requirements on a timely basis. The Contracting Officers (KO) and Contracting Officer Representatives (COR) role mentioned in para. 1.3 of the QMP are anticipated to be from the USACE Sacramento district who will be awarding the contract.

5.8 Omaha District Quality Assurance Manager (QAM) NWO, is Dave Ray, per the QPM paragraph 1.3 : "*Chief, Geotechnical Engineering and Sciences Branch* serves as the District's

Quality Assurance Manager (QAM) for Superfund Work.” The Superfund QAM role is independent of Programs and Project Management; providing oversight of the Project Delivery Team and personnel supporting execution of the work, and the collection and use of the data. “The Superfund QAM executes this QMP through subordinate staff supervisors, project delivery teams and technical reviewers. The Superfund QAM also monitors work performance and assures the quality of the project-specific products and services. The QAM or designee may provide technical support and approval signature on project specific Work Plans (WP), Sampling & Analysis Plans (SAP), Quality Assurance Project Plans (QAPP), or UFP-QAPPs that involve environmental data activities. The Superfund QAM reports problems with quality and nonconformance issues directly to the Chief of Engineering Division, and upward to the Omaha District Commander as necessary. The Superfund QAM is responsible for working with Superfund Program Manager (identified below) and PMs to assign appropriate technical staff for a PDT that meets project goals/requirements. As necessary, obtains additional technical support for projects using other district staff or contracts available to the Omaha District, including those of other Corps districts, if appropriate. The Superfund QAM along with other Branch and Section Chiefs teach, coach, mentor and arrange training for staff so that they are technically competent to complete project specific tasks. The Superfund QAM has stop work authority for in-house work or through the Contracting Officer Representative for contracted work when there is cause to believe that a quality control failure, a safety deficiency or nonconformance has occurred.”

5.9 Superfund Program Manager, NWO, Mary Darling, fills the role in the QMP para. 1.3. “*Superfund Program Manager* serves as the primary point of contact with EPA Region 8 and ensures that the Omaha District’s support to the Superfund program meets the needs and expectations of Region 8. Responsible for overall management and integration of assigned Superfund Environmental or Special Projects and Programs. The Superfund Program Manager generates or ensures that the Project Managers prepare the Project Management Plans (PMP) and execute the program and projects in accordance with the PMP and this QMP. The Superfund Program Manager also monitors the progress of the program, initiates the annual QMP update and ensures that nonconformance issues are addressed promptly. The Superfund Program Manager is responsible for reporting quality issues through proper channels to the DPM, and upward to the Omaha District Commander as necessary.”

5.10 Superfund Program Manager, SPK Harvey Jones. Agrees to support signing onto the EPA Omaha QMP, and will help solve any project disputes.

5.11 The NWO Chief of Engineering Division is John Bertino.

5.12 The SPK Chief of Engineering Division is Rick Poeppelman.

5.13 The NWO Chief Planning, Programs and Project Management Division is Ted Streckfuss. Para. 1.3:

5.14 The SPK Chief Planning, Programs and Project Management Division is Tambour Eller.

5.15 Division Contacts. Omaha District is in Northwest Division NWD and the environmental contact for EPA is Lindsey Lien. Sacramento District is in South Pacific SPD and the environmental contact for EPA is Dan McMIndes.

5.16 Real Estate Team Lead: N/A for these tasks at this time. USEPA will be responsible for access agreements and maintaining access to the sites, but may need

assistance from the winning contractor.

5.17 Construction Team Lead: N/A for these tasks at this time. (Both Remedial Design RD and Remedial Action RA will require site specific IAs.)

PDT Team Members contact information, note Sacramento is SPK and Omaha is NWO.

<b>Name/Position</b>	<b>Phone Number</b>	<b>E-mail</b>
Gary Krongard/PM SPK	(916) 557-7415	<a href="mailto:gary.r.krongard@usace.army.mil">gary.r.krongard@usace.army.mil</a>
Chris Fassero/ Technical Manager NWO	402-995-2679	<a href="mailto:chris.a.fassero@usace.army.mil">chris.a.fassero@usace.army.mil</a>
Marc Anderson NWO, Chief Environmental Sciences Section or designee	402-995-2285	<a href="mailto:marc.d.anderson@usace.army.mil">marc.d.anderson@usace.army.mil</a>
Dave Ray, NWO Quality Assurance Manager under the EPA 8/NWO QMP	402-995-2218	<a href="mailto:david.p.ray@usace.army.mil">david.p.ray@usace.army.mil</a>
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Lindsey Lien, NWD, District Support Team-Environmental Programs Division	402-996-3864	<a href="mailto:lindsey.k.lien@usace.army.mil">lindsey.k.lien@usace.army.mil</a>
Dan McMindes, SPK Superfund, Programs Management	916-557-7399	<a href="mailto:dan.c.mcmindes@usace.army.mil">dan.c.mcmindes@usace.army.mil</a>

This QMP Project Statement is agreed to by  
Dave Ray is Omaha district Quality Assurance Manager. RR  
Marc Anderson is Omaha District chief Environmental Sciences Section. RR  
Cory Koger is Sacramento District Quality Assurance Manger

The undersigned agree to the QMP Project Statement above:

Dave Ray, NWO, EPA 8/NWO QAM \_\_\_\_\_

John Esparza, SPK Quality Assurance Manger \_\_\_\_\_

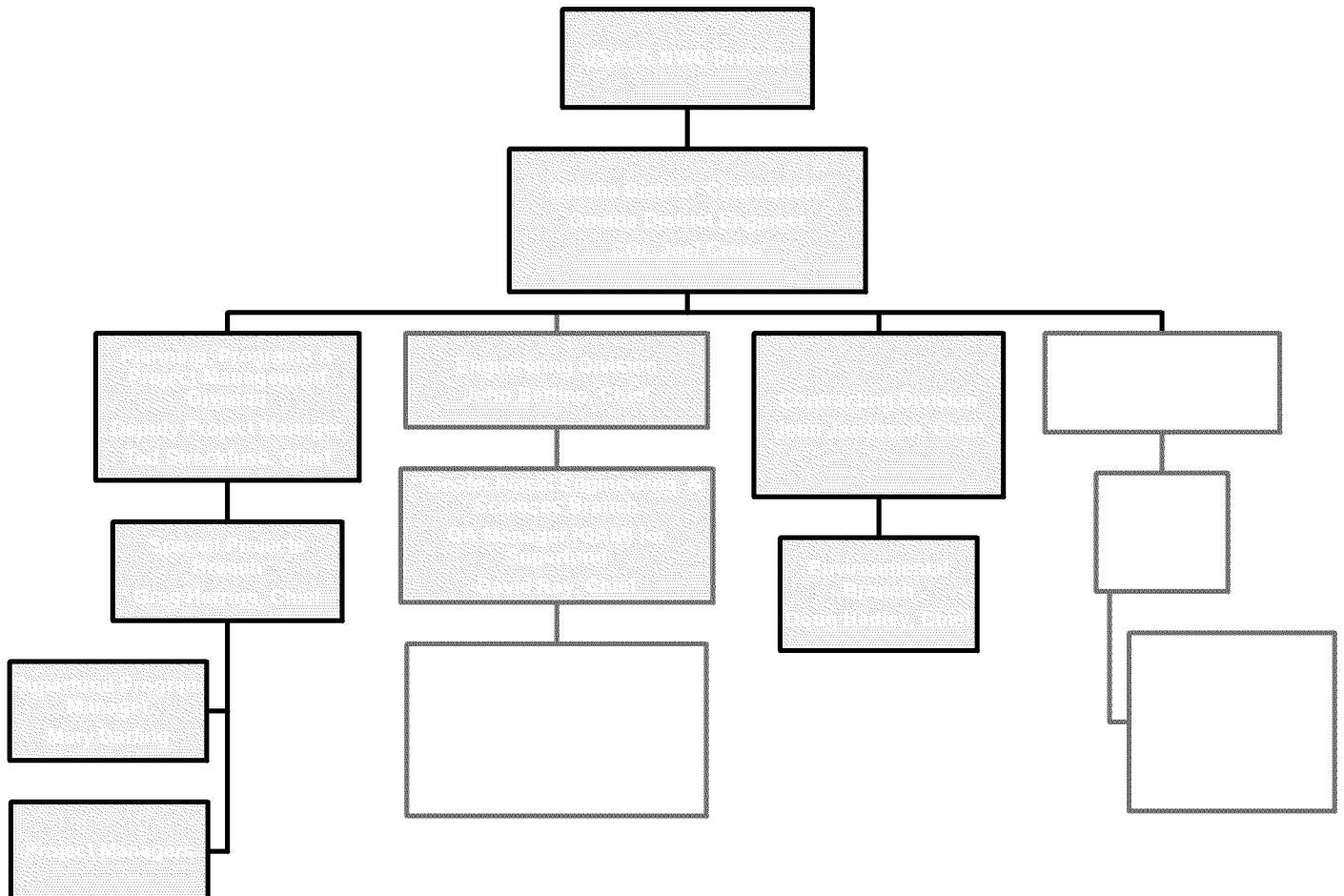
Mary Darling, NWO EPA Program Manager \_\_\_\_\_

Harvey, SPK EPA Program Manager \_\_\_\_\_

Attachment 1 (page 82, Omaha EPA QMP)

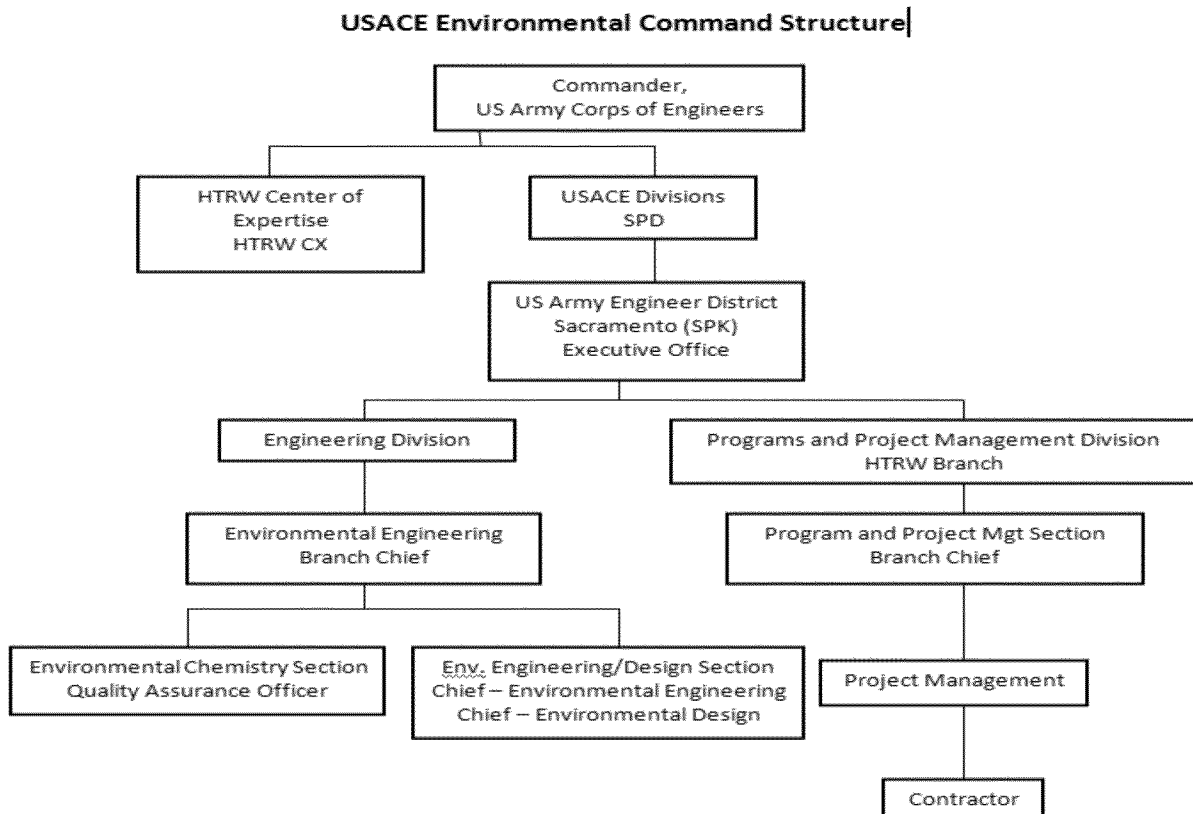
Organization Chart  
Omaha District  
Support to EPA Region 8

\*\*The QA Manager for Superfund work is the  
Chief of the Geotechnical Engineering & Sciences Branch



Attachment 2

Organization Chart  
Sacramento District



Attachment 3  
Dispute Resolution under the QMP Project Statement

The QMP paragraph 1.4.6 addresses Dispute Resolution. “Any issues that the PM and PDT and reviewers cannot resolve will be referred to the Superfund QA Manager and Superfund Program Manager for a final decision if necessary. The majority of comments, recommendations and issues can be addressed at the project level (Omaha District Project Manager with PDT and reviewers). The Superfund Program Manager and Superfund QAM, and even more senior management (Chief of Engineering Division and DPM) can be engaged in the resolution of significant issues only when they are beyond the ability of the project staff to address. When disputes involve Corps contractors, the Project Manager will lead PDT discussions with the contractor in order to reach resolution on a matter following processes in section 4.2, 9.5, and 9.7. The COR is the ultimate authority on the impact the dispute has on the contract award and corrective actions necessary. The Program Manager is responsible for the resolution of all issues to the satisfaction of the customer. The EPA RPM controls the distribution of or access to information to other entities (state, public, etc.).”

The PDT members for this IA represent two USACE districts. Technical issues will be resolved as the lowest level possible within the PDT between the districts, in accordance with the USACE Project Management Business Process. For this QMP Project Statement, issues that cannot be resolved as above, both districts Chiefs of Engineering Division will work to resolve the issue, then Northwest Division NWD and South Pacific Division SPD, then HQ USACE and finally the EPA customer.

QMP Section 9.5 “Resolution of Disagreements” between USACE and EPA is unchanged.